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## FERENCE & ASSOCIATES

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Pittsburgh, Pennsylvania 15143  
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### USPTO FACSIMILE COVER SHEET

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To: Commissioner for Patents  
Fax Number: (571) 273-8300  
Date: October 31, 2005  
Pages: 15 pages (including this cover sheet)

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#### MESSAGE:

**RESPONSE UNDER 37 CFR 1.116**  
**-- EXPEDITED PROCEDURE --**  
**EXAMINING GROUP 2654**

EFFICIENT RECURSIVE CLUSTERING BASED ON A SPLITTING FUNCTION  
DERIVED FROM SUCCESSIVE EIGEN-DECOMPOSITIONS

Application No. 10/042,827  
Examiner M. Pierre  
Art Unit 2654

Amendment Transmittal  
Amendment After Final

YOR920010539US1  
(590.076)

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T-054 P002/015 F-377

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ERENCE & ASSOCIATES  
*Amendment Transmittal*

Atty. Docket No. YOR920010539US1  
(590.076)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Chaudhari et al  
Serial No. : 10/042,827 Examiner : M. Pierre  
Filed : January 4, 2002 Group Art Unit : 2654  
For : EFFICIENT RECURSIVE CLUSTERING BASED ON A SPLITTING  
FUNCTION DERIVED FROM SUCCESSIVE EIGEN-  
DECOMPOSITIONS

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

1.  Applicant requests an extension of time to respond to the outstanding Office Action. A Petition for an extension of time is enclosed.

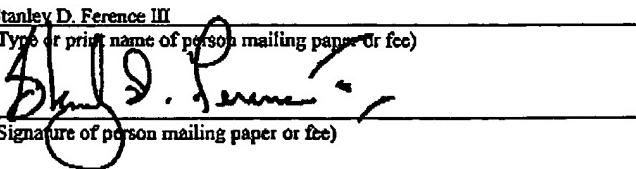
OR

2.  In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.
3.  Small Entity status of this application has been established by a verified statement previously submitted.
4.  A verified statement to establish Small Entity status is enclosed.

CERTIFICATE OF TRANSMISSION UNDER 37 CFR § 1.8(a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being facsimile transmitted on (571) 273-8300 on October 31, 2005 to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Stanley D. Ference III  
(Type or print name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

Page 1 of 2

**ERENCE & ASSOCIATES**  
*Amendment Transmittal*

Atty. Docket No. YOR920010539US1  
(590.076)

5.  Also enclosed: \_\_\_\_\_
6.  No additional filing fee is required.
7.  The filing fee has been calculated as shown below:

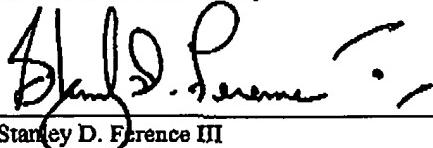
	Claims Remaining After Amendment (Col. 1)	Highest No. Prev. paid for (Col. 2)	Present Extra (Col. 3)	RATE	FEE	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
Total Claims	21	** 21	= * 0	x \$25	=	O	x	\$50	=
Ind. Claims	3	*** 3	= * 0	x \$100	=	O	x	\$200	=
<input type="checkbox"/> Multiple Dependent Claim Presented				+ \$180	=	O	+	\$360	=
				<u>TOTAL</u>	= \$	O		<u>TOTAL</u>	= \$
						R			

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest No. Prev. paid for" in this space is less than 20, write "20" in this space.  
 \*\*\* If the "Highest No. Prev. paid for" in this space is less than 3, write "3" in this space.

8.  Applicant encloses herewith a check for \$\_\_\_\_\_ to cover the filing fee.
9.  The Commissioner is hereby authorized to charge the \$\_\_\_\_\_ filing fee to Deposit Account No. 50-0510.
10.  The Commissioner is hereby authorized to charge payment of any additional filing fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510.

Respectfully submitted,

ERENCE & ASSOCIATES

By   
Stanley D. Ference III  
Reg. No. 33,879

Dated: October 31, 2005

Mailing Address:

Customer No. 35195  
ERENCE & ASSOCIATES  
409 Broad Street  
Pittsburgh, Pennsylvania 15143  
(412) 741-8400  
(412) 741-9292 - Facsimile

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**- EXPEDITED PROCEDURE --**  
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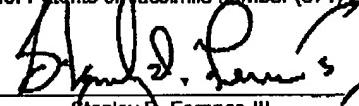
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For : EFFICIENT RECURSIVE CLUSTERING BASED  
ON A SPLITTING FUNCTION DERIVED FROM  
SUCCESSIVE EIGEN-DECOMPOSITIONS

October 31, 2005

**AMENDMENT AFTER FINAL**

I hereby certify that this correspondence and any documents referred to as  
enclosed therewith are being transmitted by facsimile to the Commissioner  
for Patents or facsimile number (571) 273-8300 on October 31, 2005.

  
Stanley D. Ference III  
Reg. No. 33,879

October 31, 2005  
Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Responsive to the Office Action dated August 10, 2005, please amend the above-  
identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on  
Page 2 of this paper.

Remarks begin on Page 7 of this paper.